



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

October 1996

August 1996

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

NOTE: In order to expedite publication of this bulletin, the current month data is based on preliminary estimates only.

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California's agricultural employment level totaled 439,200 in August 1996. This is an increase of 13,400 from the July 1996 level of 425,800. Agricultural employment levels increased in the San Joaquin Valley, the Sacramento Valley, and the North Coast regions. Agricultural employment levels decreased in the South Coast, the Central Coast, and the Desert regions. (Tables 1-A through 7-A.)

Wage and Salary Workers in Agricultural Establishments

For August 1996
(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	439.2	232.9	58.4	67.7	25.0	35.0	16.8
Total Crops	243.3	112.8	39.8	45.6	9.7	24.7	11.8
Total Livestock	25.4	14.2	2.0	1.2	4.9	1.9	2.0
Total Services	170.5	105.9	16.6	20.9	10.4	8.4	3.0

Source: Tables 1-A through 7-A.

Fifty-three percent of California's agricultural workers were employed in the San Joaquin Valley region. The South Coast region employed 13% of the state's agricultural workers. The Central Coast region employed 15% of California's agricultural workforce. The Desert region employed 6% of the California agricultural workforce, while the Sacramento Valley region employed 8% of the agricultural employees in the state. The North Coast region employed 4% of the state's agricultural workers.

AGRICULTURAL PRODUCTION WORKERS

California's agricultural production worker employment level was 411,700 in August 1996, an increase of 12,900 from the previous month's level of 398,800. The regional production worker employment fluctuations followed the same patterns as the total agricultural employment for each region in the state. (Table 1-B through 7-B.)

Earnings for California agricultural production workers averaged \$280.87 per week in August 1996, \$2.47 less than the average weekly earnings in July 1996. Regional averages ranged from a low of \$260.29 in the San Joaquin Valley region to a high of \$318.64 in the Sacramento Valley region. (Tables 1-C through 7-C.)

The hours worked per week in California agriculture averaged 42.3 in August 1996, 0.5 hours less than the July 1996 level of 42.8. The region with the shortest workweek was the North Coast region with 38.6 hours. The longest workweek was in the Sacramento Valley region with 47.7 hours. (Tables 1-D through 7-D.)

Production workers statewide earned an average of \$6.64 per hour in August 1996, two cents more than the July 1996 level of \$6.62. The region with the highest hourly pay rate was the North Coast region at \$7.81 per hour. The region that had the lowest hourly agricultural wage was the San Joaquin Valley region at \$6.64 per hour. (Table 1-E through 7-E.)

CHANGES FROM ONE YEAR AGO

California's total agricultural employment level in August 1996 was 1,800 higher than the August 1995 level of 437,400. (Table 1-A.)

The state's agricultural production employment had a year-over increase of 2,200. (Table 1-B.)

Weekly earnings for California agricultural production workers averaged \$2.74 less per week in August 1996 compared to August 1995. (Table 1-C.)

The average number of hours worked per week in August 1996 decreased by 1.4 hours compared to the same month a year before. (Table 1-D.)

The average hourly earnings for California production workers increased by fifteen cents in August 1996 compared to August 1995. (Table 1-E.)

Average Hourly Earnings of Production Workers

For August 1996

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	\$6.64	\$6.64	\$6.72	\$7.06	\$6.79	\$6.68	\$7.81
Total Crops	6.64	6.45	6.70	7.19	6.66	6.63	7.53
Total Livestock	7.38	7.52	7.20	7.77	7.42	6.75	7.33
Total Services	6.50	6.73	6.73	6.71	6.56	6.82	9.08

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

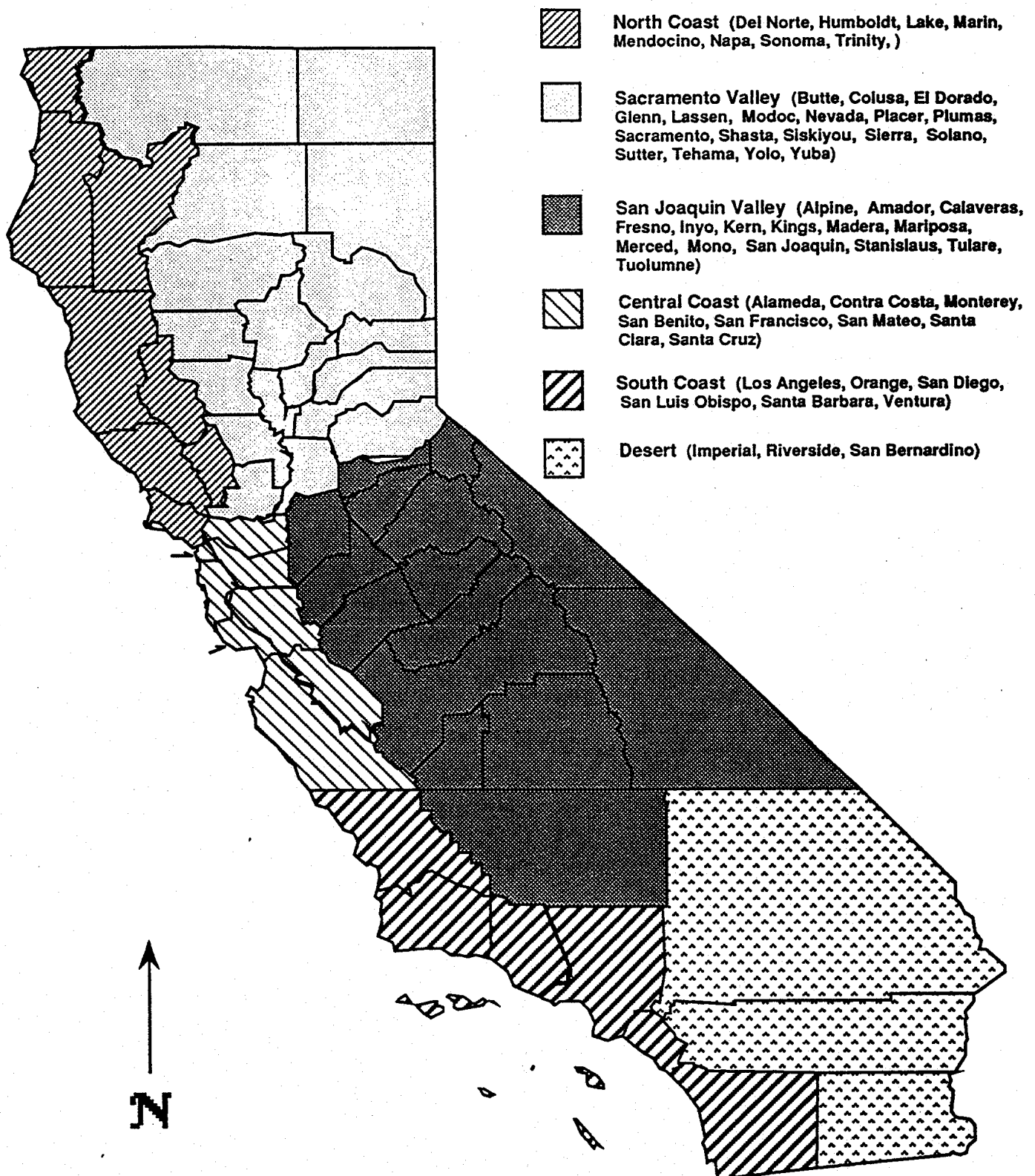
ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL. SIMILARLY, ESTIMATES FOR THE MONTHS AND THE YEAR ARE INDEPENDENTLY DERIVED. THEREFORE, THE AVERAGE OF THE MONTHLY ESTIMATES WILL NOT NECESSARILY EQUAL THE ANNUAL AVERAGE ESTIMATE.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

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CES-AG REPORTING REGIONS
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CALIFORNIA

Wage and Salary Employment in Agricultural Establishments

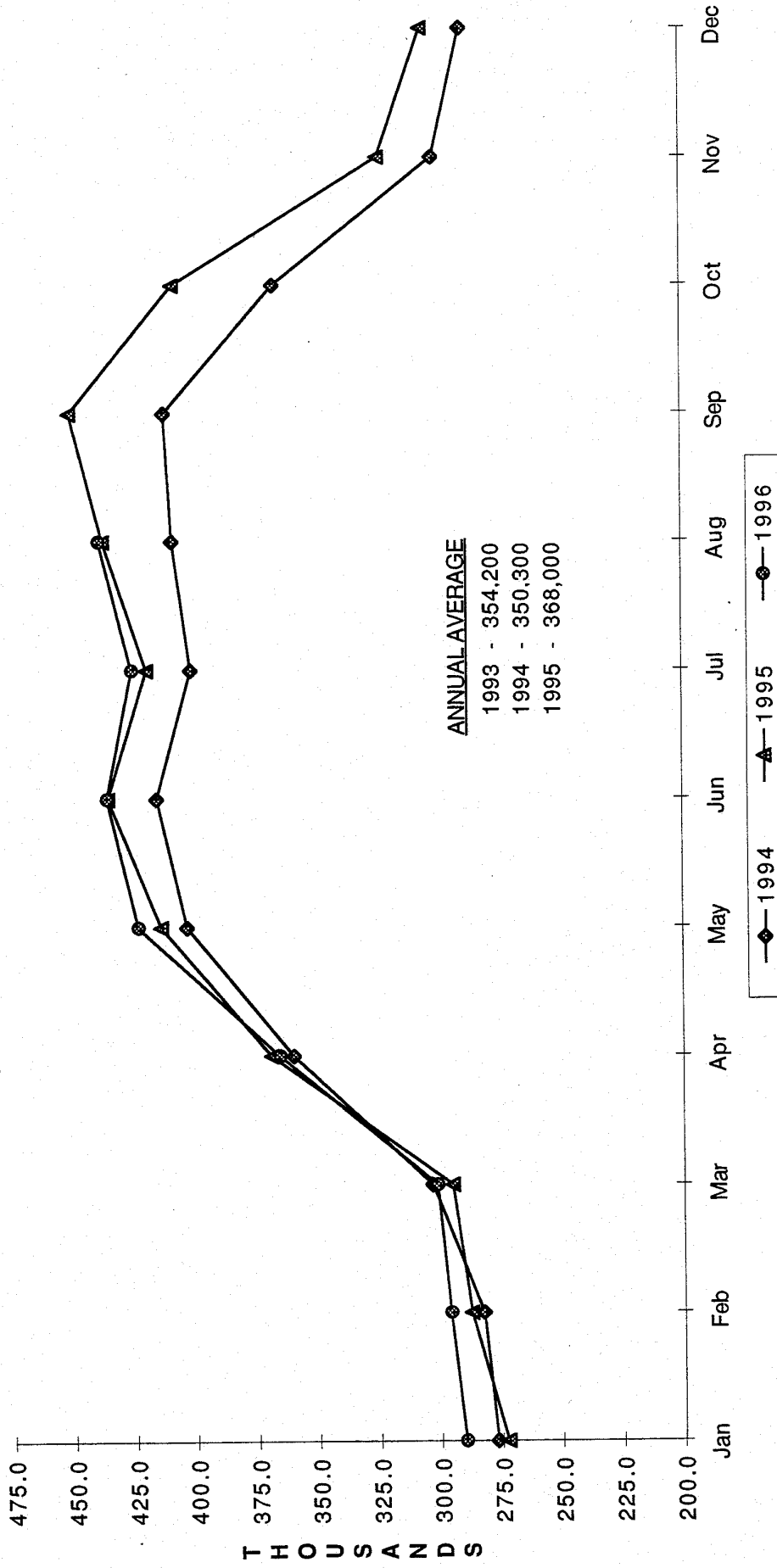


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	439.2	425.8	437.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	243.3	232.1	240.8
CASH GRAINS	3.0	3.1	3.0
RICE	1.4	1.4	1.3
OTHER CASH GRAINS	1.6	1.7	1.7
FIELD CROPS EXCEPT CASH GRAINS	12.6	13.2	12.3
COTTON	7.4	7.8	7.5
OTHER FIELD CROPS	5.2	5.4	4.8
VEGETABLES AND MELONS	40.2	40.2	40.1
TOTAL FRUITS AND TREE NUTS	121.2	108.9	118.7
BERRIES	17.3	19.4	18.7
GRAPES	49.3	39.0	45.7
TREE NUTS	8.3	6.6	8.0
CITRUS FRUITS	5.4	5.9	4.9
DECIDUOUS TREE FRUIT	21.6	20.9	21.8
OTHER FRUITS AND NUTS	19.3	17.1	19.6
TOTAL HORTICULTURAL SPECIALTIES	31.4	31.6	31.8
ORNAMENTAL FLORAL & NURSERY	28.4	28.6	28.9
FOOD CROPS GROWN UNDER COVER	3.0	3.0	2.9
GENERAL FARM PRIMARILY CROP	34.9	35.1	34.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.4	25.6	25.4
BEEF CATTLE FEED LOTS	0.6	0.6	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.8	3.9	3.7
DAIRY FARMS	12.9	12.9	13.0
CHICKEN EGGS	2.6	2.6	2.6
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.5	4.6	4.5
TOTAL AGRICULTURAL SERVICES	170.5	168.1	171.2
SOIL PREPARATION SERVICES	1.3	1.3	1.2
CROP SERVICES	46.4	45.3	50.3
PLANT CULTIVATE & PROTECTION	4.8	5.0	4.5
HARVEST PRIMARILY BY MACHINE	5.7	6.1	5.7
PREPARATION SVCS FOR MARKET	35.1	33.5	39.4
COTTON GINNING	0.8	0.7	0.7
TOTAL FARM LABOR & MANAGEMENT	122.8	121.5	119.7
FARM LABOR CONTRACTORS	114.4	113.3	111.1
FARM MANAGEMENT SERVICES	8.4	8.2	8.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	411.7	398.8	409.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	225.4	214.5	222.6
CASH GRAINS	2.6	2.7	2.6
RICE	1.2	1.2	1.1
OTHER CASH GRAINS	1.4	1.5	1.5
FIELD CROPS EXCEPT CASH GRAINS	11.6	12.1	11.2
COTTON	6.9	7.2	6.9
OTHER FIELD CROPS	4.7	4.9	4.3
VEGETABLES AND MELONS	37.3	37.3	37.3
TOTAL FRUITS AND TREE NUTS	115.3	103.5	112.7
BERRIES	17.0	19.1	18.4
GRAPES	46.6	36.7	43.2
TREE NUTS	7.6	5.9	7.1
CITRUS FRUITS	4.8	5.2	4.3
DECIDUOUS TREE FRUIT	20.7	20.2	20.9
OTHER FRUITS AND NUTS	18.6	16.4	18.8
TOTAL HORTICULTURAL SPECIALTIES	25.8	25.9	26.0
ORNAMENTAL FLORAL & NURSERY	23.1	23.3	23.4
FOOD CROPS GROWN UNDER COVER	2.7	2.6	2.6
GENERAL FARM PRIMARILY CROP	32.8	33.0	32.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.9	23.1	22.9
BEEF CATTLE FEED LOTS	0.5	0.5	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.3	3.2
DAIRY FARMS	12.2	12.2	12.3
CHICKEN EGGS	2.0	2.0	2.0
TURKEYS & TURKEY EGGS	0.9	0.9	0.8
OTHER LIVESTOCK	4.1	4.2	4.1
TOTAL AGRICULTURAL SERVICES	163.4	161.2	164.0
SOIL PREPARATION SERVICES	1.0	1.0	0.9
CROP SERVICES	41.9	41.0	45.4
PLANT CULTIVATE & PROTECTION	4.1	4.3	3.8
HARVEST PRIMARILY BY MACHINE	5.3	5.7	5.3
PREPARATION SVCS FOR MARKET	31.9	30.5	35.8
COTTON GINNING	0.6	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	120.5	119.2	117.7
FARM LABOR CONTRACTORS	112.7	111.6	109.6
FARM MANAGEMENT SERVICES	7.8	7.6	8.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	280.87	283.34	283.61
TOTAL AGRICULTURAL PRODUCTION/CROPS	297.47	301.67	300.11
CASH GRAINS	375.91	371.41	374.81
RICE	389.20	380.86	381.29
OTHER CASH GRAINS	364.06	364.61	370.15
FIELD CROPS EXCEPT CASH GRAINS	337.34	341.12	342.14
COTTON	335.27	338.07	337.05
OTHER FIELD CROPS	340.56	345.56	350.71
VEGETABLES AND MELONS	330.33	340.40	334.37
TOTAL FRUITS AND TREE NUTS	273.61	270.63	274.75
BERRIES	321.54	295.36	294.04
GRAPES	271.20	272.83	284.57
TREE NUTS	304.64	283.47	292.40
CITRUS FRUITS	300.50	298.16	298.37
DECIDUOUS TREE FRUIT	230.66	235.31	226.58
OTHER FRUITS AND NUTS	263.30	266.79	275.28
TOTAL HORTICULTURAL SPECIALTIES	320.62	320.83	313.15
ORNAMENTAL FLORAL & NURSERY	311.55	311.02	307.85
FOOD CROPS GROWN UNDER COVER	398.96	407.22	361.63
GENERAL FARM PRIMARILY CROP	306.64	316.65	314.94
TOTAL AGRIC PRODUCTION/LIVESTOCK	349.81	348.81	350.85
BEEF CATTLE FEED LOTS	363.49	378.81	379.01
BEEF CATTLE EXCEPT FEED LOTS	335.05	346.58	335.40
DAIRY FARMS	362.52	358.29	366.54
CHICKEN EGGS	316.91	319.48	317.19
TURKEYS & TURKEY EGGS	382.80	387.02	381.32
OTHER LIVESTOCK	329.90	327.13	322.60
TOTAL AGRICULTURAL SERVICES	247.00	250.39	251.93
SOIL PREPARATION SERVICES	572.27	568.87	563.65
CROP SERVICES	299.80	303.89	292.44
PLANT CULTIVATE & PROTECTION	372.69	366.91	335.11
HARVEST PRIMARILY BY MACHINE	284.46	289.91	297.61
PREPARATION SVCS FOR MARKET	291.37	296.53	285.53
COTTON GINNING	399.55	356.79	399.17
TOTAL FARM LABOR & MANAGEMENT	226.94	229.26	234.62
FARM LABOR CONTRACTORS	221.31	223.85	229.32
FARM MANAGEMENT SERVICES	300.46	315.59	305.64

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	42.3	42.8	43.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.8	45.5	46.1
CASH GRAINS	55.2	54.3	55.2
RICE	56.0	54.1	55.5
OTHER CASH GRAINS	54.5	54.5	55.0
FIELD CROPS EXCEPT CASH GRAINS	52.3	52.0	52.8
COTTON	51.9	51.3	52.5
OTHER FIELD CROPS	52.8	53.0	53.3
VEGETABLES AND MELONS	44.7	46.0	46.7
TOTAL FRUITS AND TREE NUTS	41.9	41.7	43.2
BERRIES	46.0	41.6	45.8
GRAPES	40.0	40.6	42.6
TREE NUTS	47.9	45.5	47.7
CITRUS FRUITS	43.3	41.7	44.4
DECIDUOUS TREE FRUIT	39.7	41.5	39.2
OTHER FRUITS AND NUTS	42.4	43.1	44.4
TOTAL HORTICULTURAL SPECIALTIES	46.4	46.7	46.6
ORNAMENTAL FLORAL & NURSERY	46.5	46.7	47.0
FOOD CROPS GROWN UNDER COVER	45.7	46.7	43.0
GENERAL FARM PRIMARILY CROP	50.6	52.6	51.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.4	47.2	47.8
BEEF CATTLE FEED LOTS	52.3	54.9	54.3
BEEF CATTLE EXCEPT FEED LOTS	42.9	43.0	43.0
DAIRY FARMS	48.4	47.9	49.2
CHICKEN EGGS	47.3	47.4	48.5
TURKEYS & TURKEY EGGS	51.8	52.3	51.6
OTHER LIVESTOCK	46.4	46.6	45.5
TOTAL AGRICULTURAL SERVICES	38.0	38.7	39.8
SOIL PREPARATION SERVICES	61.8	61.7	61.2
CROP SERVICES	40.9	41.8	40.9
PLANT CULTIVATE & PROTECTION	50.5	50.4	47.0
HARVEST PRIMARILY BY MACHINE	36.8	37.7	38.5
PREPARATION SVCS FOR MARKET	40.3	41.3	40.5
COTTON GINNING	45.3	41.2	44.7
TOTAL FARM LABOR & MANAGEMENT	36.9	37.4	39.3
FARM LABOR CONTRACTORS	36.4	37.0	39.0
FARM MANAGEMENT SERVICES	42.8	44.2	43.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	6.64	6.62	6.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.64	6.63	6.51
CASH GRAINS	6.81	6.84	6.79
RICE	6.95	7.04	6.87
OTHER CASH GRAINS	6.68	6.69	6.73
FIELD CROPS EXCEPT CASH GRAINS	6.45	6.56	6.48
COTTON	6.46	6.59	6.42
OTHER FIELD CROPS	6.45	6.52	6.58
VEGETABLES AND MELONS	7.39	7.40	7.16
TOTAL FRUITS AND TREE NUTS	6.53	6.49	6.36
BERRIES	6.99	7.10	6.42
GRAPES	6.78	6.72	6.68
TREE NUTS	6.36	6.23	6.13
CITRUS FRUITS	6.94	7.15	6.72
DECIDUOUS TREE FRUIT	5.81	5.67	5.78
OTHER FRUITS AND NUTS	6.21	6.19	6.20
TOTAL HORTICULTURAL SPECIALTIES	6.91	6.87	6.72
ORNAMENTAL FLORAL & NURSERY	6.70	6.66	6.55
FOOD CROPS GROWN UNDER COVER	8.73	8.72	8.41
GENERAL FARM PRIMARILY CROP	6.06	6.02	6.08
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.38	7.39	7.34
BEEF CATTLE FEED LOTS	6.95	6.90	6.98
BEEF CATTLE EXCEPT FEED LOTS	7.81	8.06	7.80
DAIRY FARMS	7.49	7.48	7.45
CHICKEN EGGS	6.70	6.74	6.54
TURKEYS & TURKEY EGGS	7.39	7.40	7.39
OTHER LIVESTOCK	7.11	7.02	7.09
TOTAL AGRICULTURAL SERVICES	6.50	6.47	6.33
SOIL PREPARATION SERVICES	9.26	9.22	9.21
CROP SERVICES	7.33	7.27	7.15
PLANT CULTIVATE & PROTECTION	7.38	7.28	7.13
HARVEST PRIMARILY BY MACHINE	7.73	7.69	7.73
PREPARATION SVCS FOR MARKET	7.23	7.18	7.05
COTTON GINNING	8.82	8.66	8.93
TOTAL FARM LABOR & MANAGEMENT	6.15	6.13	5.97
FARM LABOR CONTRACTORS	6.08	6.05	5.88
FARM MANAGEMENT SERVICES	7.02	7.14	7.01

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employment in Agricultural Establishments

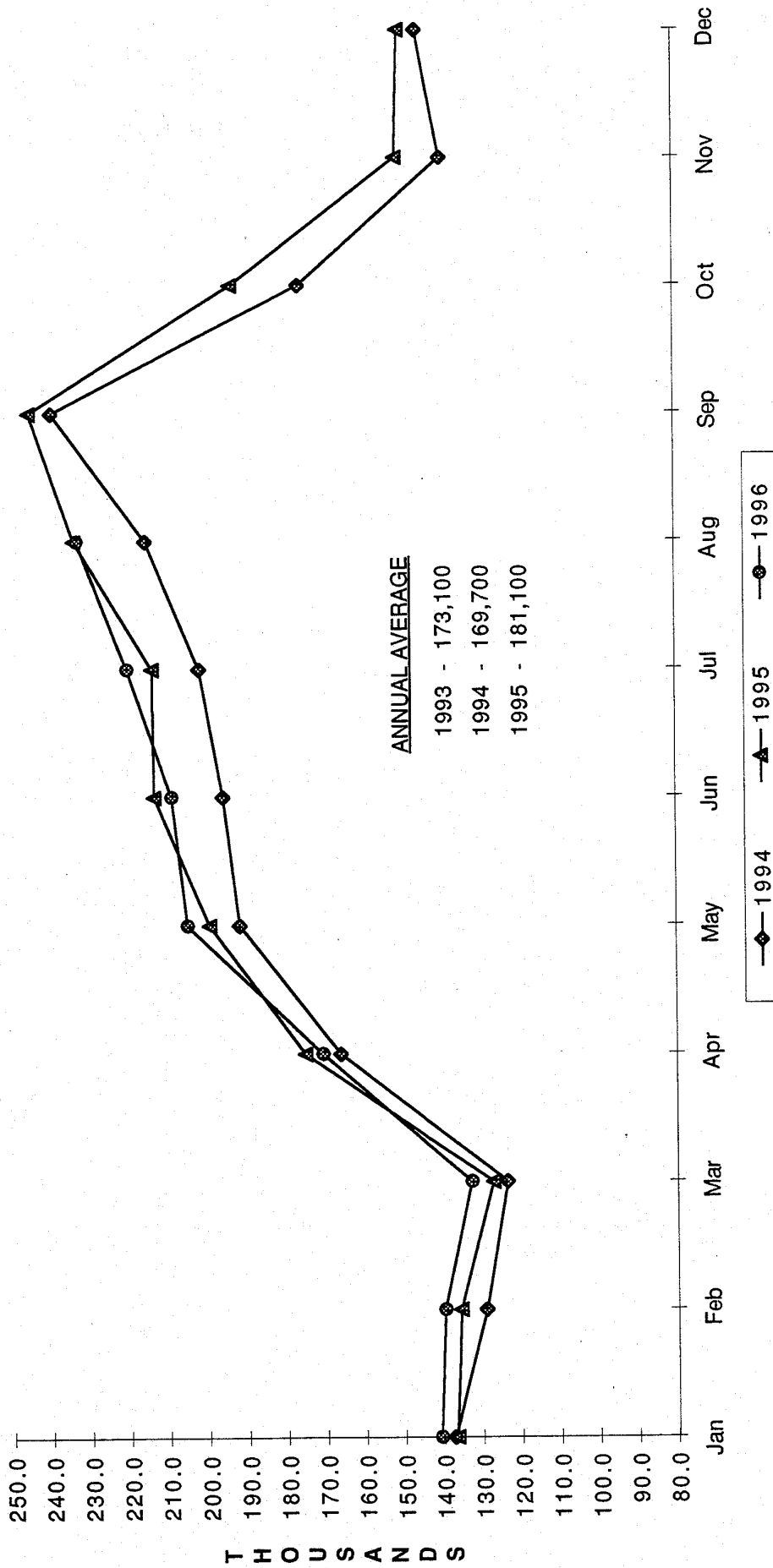


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	232.9	220.2	233.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	112.8	103.1	107.6
TOTAL FIELD CROPS	10.9	11.5	10.8
COTTON	7.3	7.7	7.6
OTHER FIELD CROPS	3.6	3.8	3.2
VEGETABLES AND MELONS	10.3	10.2	9.9
TOTAL FRUITS AND TREE NUTS	69.8	59.3	65.4
GRAPES	41.0	31.1	38.4
TREE NUTS	6.3	4.8	5.9
CITRUS FRUITS	2.4	2.9	2.3
DECIDUOUS TREE FRUIT	12.7	13.5	13.0
OTHER FRUITS AND NUTS	7.4	7.0	5.8
HORTICULTURAL SPECIALTIES	2.5	2.7	2.7
GENERAL FARM PRIMARILY CROP	19.3	19.4	18.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	14.2	14.3	14.3
BEEF CATTLE FEED LOTS	0.4	0.4	0.4
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2	1.2
DAIRY FARMS	9.5	9.6	9.6
POULTRY & EGGS	2.0	2.0	2.0
OTHER LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	105.9	102.8	111.7
CROP SERVICES	26.0	25.5	27.5
PLANT CULTIVATE & PROTECTION	4.0	4.3	4.4
HARVEST PRIMARILY BY MACHINE	1.8	2.0	1.7
PREPARATION SVCS FOR MARKET	19.5	18.6	20.7
COTTON GINNING	0.7	0.6	0.7
TOTAL FARM LABOR & MANAGEMENT	79.9	77.3	84.2
FARM LABOR CONTRACTORS	75.8	73.4	79.5
FARM MANAGEMENT SERVICES	4.1	3.9	4.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	222.9	209.6	223.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	107.5	97.5	102.2
TOTAL FIELD CROPS	10.1	10.6	9.9
COTTON	6.8	7.1	7.0
OTHER FIELD CROPS	3.3	3.5	2.9
VEGETABLES AND MELONS	9.9	9.7	9.5
TOTAL FRUITS AND TREE NUTS	67.4	56.8	63.0
GRAPES	39.8	29.9	37.4
TREE NUTS	6.0	4.4	5.4
CITRUS FRUITS	2.2	2.6	2.1
DECIDUOUS TREE FRUIT	12.3	13.1	12.5
OTHER FRUITS AND NUTS	7.1	6.8	5.6
HORTICULTURAL SPECIALTIES	2.0	2.1	2.1
GENERAL FARM PRIMARILY CROP	18.1	18.3	17.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.1	13.2	13.1
BEEF CATTLE FEED LOTS	0.3	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.0	1.1
DAIRY FARMS	8.9	9.0	9.0
POULTRY & EGGS	1.9	1.9	1.8
OTHER LIVESTOCK	0.9	1.0	0.9
TOTAL AGRICULTURAL SERVICES	102.3	98.9	107.8
CROP SERVICES	23.2	22.9	24.6
PLANT CULTIVATE & PROTECTION	3.4	3.7	3.8
HARVEST PRIMARILY BY MACHINE	1.6	1.9	1.5
PREPARATION SVCS FOR MARKET	17.7	16.9	18.8
COTTON GINNING	0.5	0.4	0.5
TOTAL FARM LABOR & MANAGEMENT	79.1	76.0	83.2
FARM LABOR CONTRACTORS	75.3	72.4	78.7
FARM MANAGEMENT SERVICES	3.8	3.6	4.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	260.29	273.28	271.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	278.64	283.95	285.91
TOTAL FIELD CROPS	338.03	339.43	328.17
COTTON	347.55	337.41	317.79
OTHER FIELD CROPS	319.26	341.43	351.31
VEGETABLES AND MELONS	332.16	344.31	315.70
TOTAL FRUITS AND TREE NUTS	261.14	259.58	269.21
GRAPES	268.13	260.74	274.75
TREE NUTS	307.83	272.62	289.39
CITRUS FRUITS	278.19	287.60	243.58
DECIDUOUS TREE FRUIT	223.06	243.67	240.93
OTHER FRUITS AND NUTS	245.78	266.22	282.58
HORTICULTURAL SPECIALTIES	294.36	303.05	307.65
GENERAL FARM PRIMARILY CROP	278.01	293.51	306.00
TOTAL AGRIC PRODUCTION/LIVESTOCK	358.70	357.75	365.56
BEEF CATTLE FEED LOTS	357.25	387.67	385.99
BEEF CATTLE EXCEPT FEED LOTS	356.12	361.24	345.66
DAIRY FARMS	364.62	362.14	375.21
POULTRY & EGGS	362.16	357.34	350.03
OTHER LIVESTOCK	296.55	301.53	318.57
TOTAL AGRICULTURAL SERVICES	228.82	251.37	246.24
CROP SERVICES	294.25	306.02	293.30
PLANT CULTIVATE & PROTECTION	388.65	368.50	381.77
HARVEST PRIMARILY BY MACHINE	370.92	333.29	321.87
PREPARATION SVCS FOR MARKET	267.24	287.46	271.22
COTTON GINNING	385.22	358.20	390.28
TOTAL FARM LABOR & MANAGEMENT	209.22	235.01	232.58
FARM LABOR CONTRACTORS	205.73	231.27	228.85
FARM MANAGEMENT SERVICES	276.45	306.68	304.92

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	39.2	42.5	43.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.2	45.0	45.6
TOTAL FIELD CROPS	52.9	51.9	50.8
COTTON	53.8	51.2	49.5
OTHER FIELD CROPS	51.0	53.1	53.8
VEGETABLES AND MELONS	48.0	49.9	51.5
TOTAL FRUITS AND TREE NUTS	40.3	41.6	42.8
GRAPES	40.2	40.3	42.4
TREE NUTS	46.5	43.9	46.6
CITRUS FRUITS	43.4	41.5	39.8
DECIDUOUS TREE FRUIT	38.0	42.9	41.9
OTHER FRUITS AND NUTS	39.2	43.5	44.5
HORTICULTURAL SPECIALTIES	44.0	44.5	43.7
GENERAL FARM PRIMARILY CROP	45.5	49.0	50.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.7	47.7	49.2
BEEF CATTLE FEED LOTS	51.7	55.7	55.3
BEEF CATTLE EXCEPT FEED LOTS	42.7	42.7	42.0
DAIRY FARMS	47.6	47.4	49.5
POULTRY & EGGS	50.3	49.7	49.3
OTHER LIVESTOCK	47.6	48.4	51.8
TOTAL AGRICULTURAL SERVICES	34.0	39.4	40.5
CROP SERVICES	37.2	42.8	41.9
PLANT CULTIVATE & PROTECTION	49.7	50.0	50.7
HARVEST PRIMARILY BY MACHINE	44.0	38.8	39.3
PREPARATION SVCS FOR MARKET	34.0	41.6	40.3
COTTON GINNING	46.3	41.7	44.4
TOTAL FARM LABOR & MANAGEMENT	33.0	38.4	40.1
FARM LABOR CONTRACTORS	32.5	38.1	39.8
FARM MANAGEMENT SERVICES	42.4	44.0	46.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	6.64	6.43	6.26
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.45	6.31	6.27
TOTAL FIELD CROPS	6.39	6.54	6.46
COTTON	6.46	6.59	6.42
OTHER FIELD CROPS	6.26	6.43	6.53
VEGETABLES AND MELONS	6.92	6.90	6.13
TOTAL FRUITS AND TREE NUTS	6.48	6.24	6.29
GRAPES	6.67	6.47	6.48
TREE NUTS	6.62	6.21	6.21
CITRUS FRUITS	6.41	6.93	6.12
DECIDUOUS TREE FRUIT	5.87	5.68	5.75
OTHER FRUITS AND NUTS	6.27	6.12	6.35
HORTICULTURAL SPECIALTIES	6.69	6.81	7.04
GENERAL FARM PRIMARILY CROP	6.11	5.99	6.12
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.52	7.50	7.43
BEEF CATTLE FEED LOTS	6.91	6.96	6.98
BEEF CATTLE EXCEPT FEED LOTS	8.34	8.46	8.23
DAIRY FARMS	7.66	7.64	7.58
POULTRY & EGGS	7.20	7.19	7.10
OTHER LIVESTOCK	6.23	6.23	6.15
TOTAL AGRICULTURAL SERVICES	6.73	6.38	6.08
CROP SERVICES	7.91	7.15	7.00
PLANT CULTIVATE & PROTECTION	7.82	7.37	7.53
HARVEST PRIMARILY BY MACHINE	8.43	8.59	8.19
PREPARATION SVCS FOR MARKET	7.86	6.91	6.73
COTTON GINNING	8.32	8.59	8.79
TOTAL FARM LABOR & MANAGEMENT	6.34	6.12	5.80
FARM LABOR CONTRACTORS	6.33	6.07	5.75
FARM MANAGEMENT SERVICES	6.52	6.97	6.60

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment in Agricultural Establishments

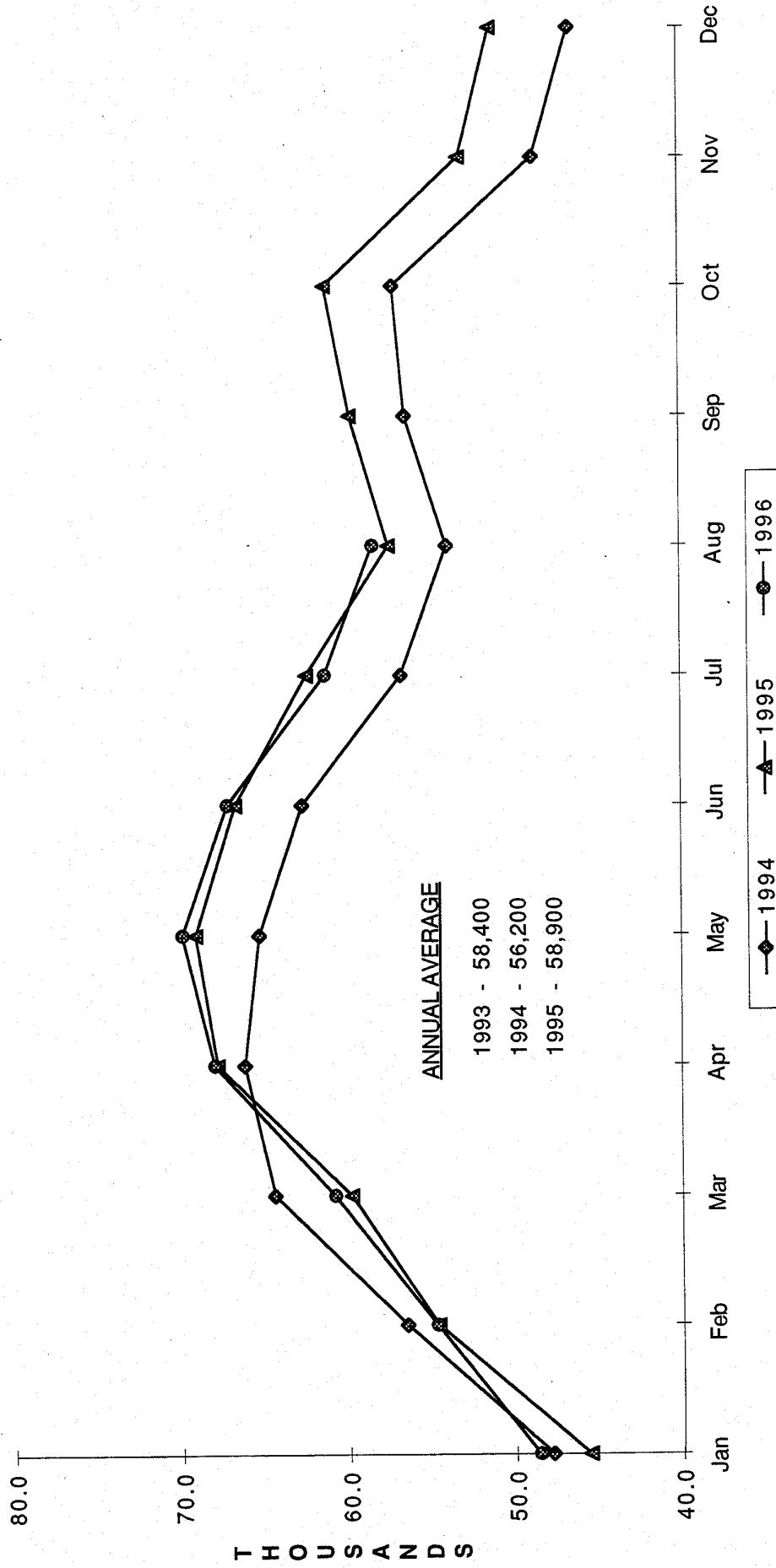


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	58.4	61.3	57.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	39.8	41.4	38.5
VEGETABLES AND MELONS	8.7	8.6	8.5
TOTAL FRUITS AND TREE NUTS	9.8	11.5	9.2
BERRIES	4.5	6.1	3.9
CITRUS FRUITS	2.2	2.2	2.0
OTHER FRUITS AND NUTS	3.1	3.2	3.3
TOTAL HORTICULTURAL SPECIALTIES	15.8	15.7	15.3
ORNAMENTAL FLORAL & NURSERY	15.1	15.0	14.6
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	5.5	5.6	5.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	16.6	17.9	16.9
CROP SERVICES	5.1	5.0	4.5
HARVEST PRIMARILY BY MACHINE	2.2	2.3	1.9
PREPARATION SVCS FOR MARKET	2.9	2.7	2.6
TOTAL FARM LABOR & MANAGEMENT	11.5	12.9	12.4
FARM LABOR CONTRACTORS	10.1	11.4	10.9
FARM MANAGEMENT SERVICES	1.4	1.5	1.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	52.5	55.5	51.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	35.4	36.8	33.6
VEGETABLES AND MELONS	8.0	7.9	7.9
TOTAL FRUITS AND TREE NUTS	9.2	10.7	8.2
BERRIES	4.4	5.9	3.7
CITRUS FRUITS	1.9	1.8	1.4
OTHER FRUITS AND NUTS	2.9	3.0	3.1
TOTAL HORTICULTURAL SPECIALTIES	13.1	13.0	12.4
ORNAMENTAL FLORAL & NURSERY	12.4	12.3	11.8
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.6
GENERAL FARM PRIMARILY CROP	5.1	5.2	5.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	15.4	17.0	16.0
CROP SERVICES	4.7	4.7	4.3
HARVEST PRIMARILY BY MACHINE	2.1	2.2	1.8
PREPARATION SVCS FOR MARKET	2.6	2.5	2.5
TOTAL FARM LABOR & MANAGEMENT	10.7	12.3	11.7
FARM LABOR CONTRACTORS	9.5	10.9	10.4
FARM MANAGEMENT SERVICES	1.2	1.4	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	283.58	289.76	289.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	305.52	300.52	294.50
VEGETABLES AND MELONS	303.18	334.14	310.10
TOTAL FRUITS AND TREE NUTS	270.35	266.53	279.46
BERRIES	270.08	254.27	276.34
CITRUS FRUITS	302.13	308.32	312.80
OTHER FRUITS AND NUTS	250.39	265.60	268.46
TOTAL HORTICULTURAL SPECIALTIES	322.53	312.69	297.01
ORNAMENTAL FLORAL & NURSERY	314.74	309.15	291.10
FOOD CROPS GROWN UNDER COVER	450.28	382.81	413.13
GENERAL FARM PRIMARILY CROP	329.07	287.95	290.35
TOTAL AGRIC PRODUCTION/LIVESTOCK	325.44	350.61	339.44
TOTAL AGRICULTURAL SERVICES	229.49	261.29	273.62
CROP SERVICES	248.75	301.09	338.77
HARVEST PRIMARILY BY MACHINE	214.77	285.00	337.03
PREPARATION SVCS FOR MARKET	275.95	316.37	340.26
TOTAL FARM LABOR & MANAGEMENT	220.81	246.62	249.57
FARM LABOR CONTRACTORS	209.42	242.25	242.72
FARM MANAGEMENT SERVICES	309.88	281.73	307.91

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	42.2	42.3	43.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.6	44.0	45.1
VEGETABLES AND MELONS	46.5	45.4	44.3
TOTAL FRUITS AND TREE NUTS	40.9	40.2	44.5
BERRIES	42.6	39.3	46.6
CITRUS FRUITS	40.5	41.0	42.1
OTHER FRUITS AND NUTS	38.7	41.5	43.3
TOTAL HORTICULTURAL SPECIALTIES	47.5	46.6	46.7
ORNAMENTAL FLORAL & NURSERY	47.4	46.7	46.8
FOOD CROPS GROWN UNDER COVER	47.8	45.9	45.7
GENERAL FARM PRIMARILY CROP	47.9	43.3	43.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.2	46.5	44.9
TOTAL AGRICULTURAL SERVICES	34.1	38.2	39.2
CROP SERVICES	30.9	38.9	43.1
HARVEST PRIMARILY BY MACHINE	29.3	37.5	43.6
PREPARATION SVCS FOR MARKET	32.2	40.2	42.8
TOTAL FARM LABOR & MANAGEMENT	35.5	38.0	37.7
FARM LABOR CONTRACTORS	34.5	37.5	37.0
FARM MANAGEMENT SERVICES	43.4	41.8	43.8

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	6.72	6.85	6.69
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.70	6.83	6.53
VEGETABLES AND MELONS	6.52	7.36	7.00
TOTAL FRUITS AND TREE NUTS	6.61	6.63	6.28
BERRIES	6.34	6.47	5.93
CITRUS FRUITS	7.46	7.52	7.43
OTHER FRUITS AND NUTS	6.47	6.40	6.20
TOTAL HORTICULTURAL SPECIALTIES	6.79	6.71	6.36
ORNAMENTAL FLORAL & NURSERY	6.64	6.62	6.22
FOOD CROPS GROWN UNDER COVER	9.42	8.34	9.04
GENERAL FARM PRIMARILY CROP	6.87	6.65	6.69
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.20	7.54	7.56
TOTAL AGRICULTURAL SERVICES	6.73	6.84	6.98
CROP SERVICES	8.05	7.74	7.86
HARVEST PRIMARILY BY MACHINE	7.33	7.60	7.73
PREPARATION SVCS FOR MARKET	8.57	7.87	7.95
TOTAL FARM LABOR & MANAGEMENT	6.22	6.49	6.62
FARM LABOR CONTRACTORS	6.07	6.46	6.56
FARM MANAGEMENT SERVICES	7.14	6.74	7.03

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment in Agricultural Establishments

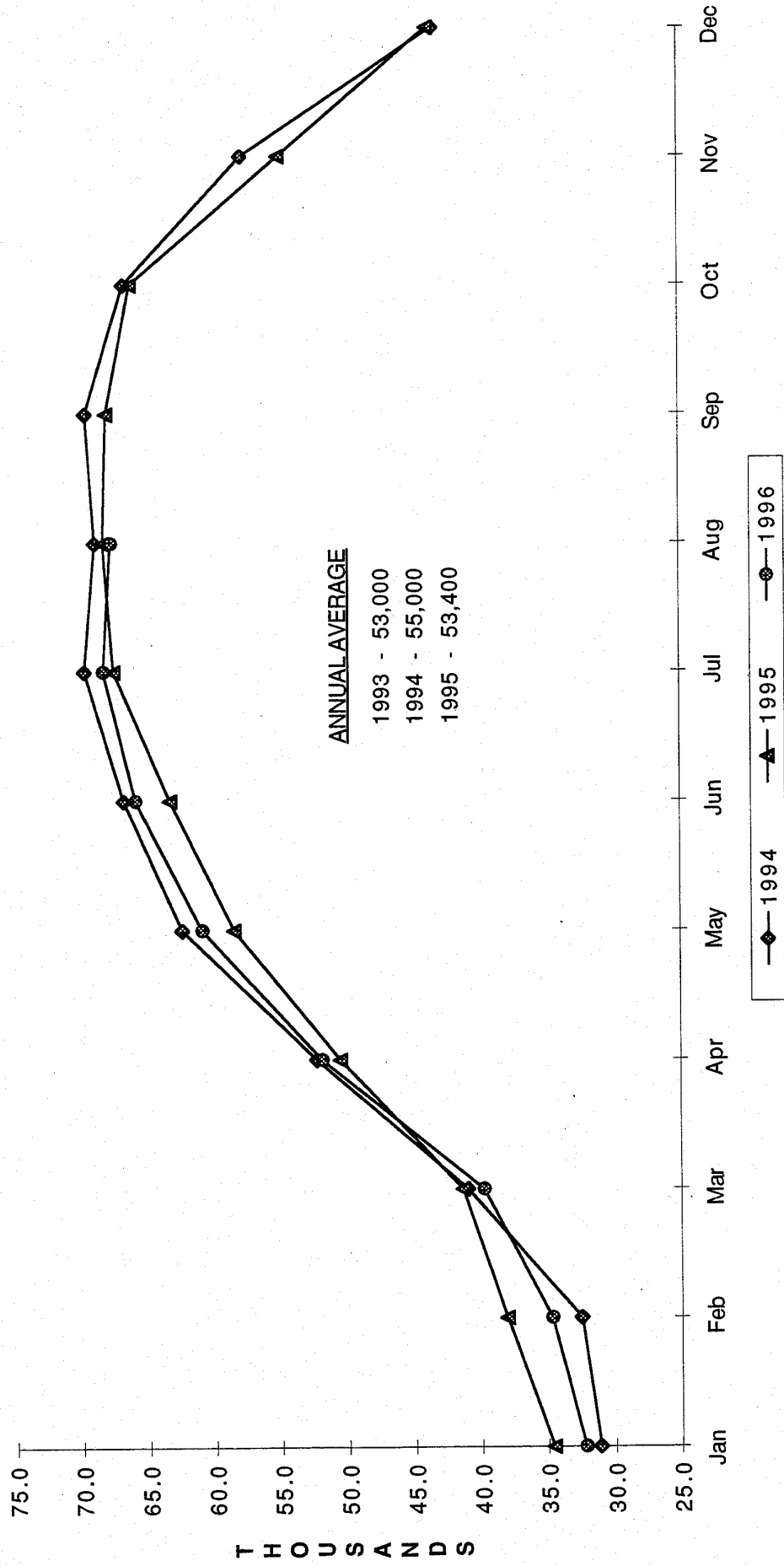


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	67.7	68.3	68.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.6	46.3	44.6
VEGETABLES AND MELONS	14.7	14.8	14.0
TOTAL FRUITS AND TREE NUTS	17.7	18.2	17.2
BERRIES	14.5	14.6	14.3
DECIDUOUS TREE FRUIT	1.6	2.1	1.6
OTHER FRUITS AND NUTS	1.6	1.5	1.3
TOTAL HORTICULTURAL SPECIALTIES	9.9	9.7	9.8
ORNAMENTAL FLORAL & NURSERY	7.7	7.6	7.6
FOOD CROPS GROWN UNDER COVER	2.2	2.1	2.2
GENERAL FARM PRIMARILY CROP	3.3	3.6	3.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	20.9	20.8	22.5
CROP SERVICES	8.0	8.2	10.4
HARVEST PRIMARILY BY MACHINE	2.7	2.9	3.0
PREPARATION SVCS FOR MARKET	5.3	5.3	7.4
TOTAL FARM LABOR & MANAGEMENT	12.9	12.6	12.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	63.2	64.0	63.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.2	43.1	41.2
VEGETABLES AND MELONS	13.6	13.7	12.9
TOTAL FRUITS AND TREE NUTS	17.2	17.9	16.8
BERRIES	14.3	14.5	14.2
DECIDUOUS TREE FRUIT	1.4	2.0	1.5
OTHER FRUITS AND NUTS	1.5	1.4	1.1
TOTAL HORTICULTURAL SPECIALTIES	8.3	8.1	8.2
ORNAMENTAL FLORAL & NURSERY	6.4	6.2	6.3
FOOD CROPS GROWN UNDER COVER	1.9	1.9	1.9
GENERAL FARM PRIMARILY CROP	3.1	3.4	3.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.9	0.9	0.9
TOTAL AGRICULTURAL SERVICES	20.1	20.0	21.8
CROP SERVICES	7.2	7.4	9.8
HARVEST PRIMARILY BY MACHINE	2.5	2.7	2.9
PREPARATION SVCS FOR MARKET	4.7	4.7	6.9
TOTAL FARM LABOR & MANAGEMENT	12.9	12.6	12.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	306.40	302.40	303.79
TOTAL AGRICULTURAL PRODUCTION/CROPS	325.71	320.32	317.38
VEGETABLES AND MELONS	336.41	352.52	329.81
TOTAL FRUITS AND TREE NUTS	319.39	288.84	296.24
BERRIES	318.60	290.22	296.57
DECIDUOUS TREE FRUIT	338.28	244.42	252.38
OTHER FRUITS AND NUTS	304.44	344.21	355.28
TOTAL HORTICULTURAL SPECIALTIES	334.48	333.58	328.64
ORNAMENTAL FLORAL & NURSERY	315.00	314.75	316.88
FOOD CROPS GROWN UNDER COVER	397.63	397.25	367.58
GENERAL FARM PRIMARILY CROP	291.36	319.48	349.52
TOTAL AGRIC PRODUCTION/LIVESTOCK	357.42	346.26	332.10
TOTAL AGRICULTURAL SERVICES	263.03	264.19	275.93
CROP SERVICES	324.40	323.01	324.56
HARVEST PRIMARILY BY MACHINE	326.14	319.59	319.98
PREPARATION SVCS FOR MARKET	324.18	325.59	326.97
TOTAL FARM LABOR & MANAGEMENT	228.72	228.69	237.02

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	43.4	42.0	43.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.3	43.7	45.6
VEGETABLES AND MELONS	42.8	43.9	43.0
TOTAL FRUITS AND TREE NUTS	46.9	41.8	46.0
BERRIES	47.2	42.0	47.3
DECIDUOUS TREE FRUIT	51.1	40.2	37.5
OTHER FRUITS AND NUTS	39.9	42.6	41.7
TOTAL HORTICULTURAL SPECIALTIES	45.2	45.2	45.9
ORNAMENTAL FLORAL & NURSERY	45.0	44.9	46.6
FOOD CROPS GROWN UNDER COVER	45.6	46.3	43.5
GENERAL FARM PRIMARILY CROP	48.0	49.0	53.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.0	45.5	45.0
TOTAL AGRICULTURAL SERVICES	39.2	38.4	40.4
CROP SERVICES	40.0	39.2	38.5
HARVEST PRIMARILY BY MACHINE	41.6	39.8	40.3
PREPARATION SVCS FOR MARKET	39.2	38.9	37.8
TOTAL FARM LABOR & MANAGEMENT	38.7	37.8	42.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	7.06	7.20	6.92
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.19	7.33	6.96
VEGETABLES AND MELONS	7.86	8.03	7.67
TOTAL FRUITS AND TREE NUTS	6.81	6.91	6.44
BERRIES	6.75	6.91	6.27
DECIDUOUS TREE FRUIT	6.62	6.08	6.73
OTHER FRUITS AND NUTS	7.63	8.08	8.52
TOTAL HORTICULTURAL SPECIALTIES	7.40	7.38	7.16
ORNAMENTAL FLORAL & NURSERY	7.00	7.01	6.80
FOOD CROPS GROWN UNDER COVER	8.72	8.58	8.45
GENERAL FARM PRIMARILY CROP	6.07	6.52	6.57
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.77	7.61	7.38
TOTAL AGRICULTURAL SERVICES	6.71	6.88	6.83
CROP SERVICES	8.11	8.24	8.43
HARVEST PRIMARILY BY MACHINE	7.84	8.03	7.94
PREPARATION SVCS FOR MARKET	8.27	8.37	8.65
TOTAL FARM LABOR & MANAGEMENT	5.91	6.05	5.63

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment in Agricultural Establishments

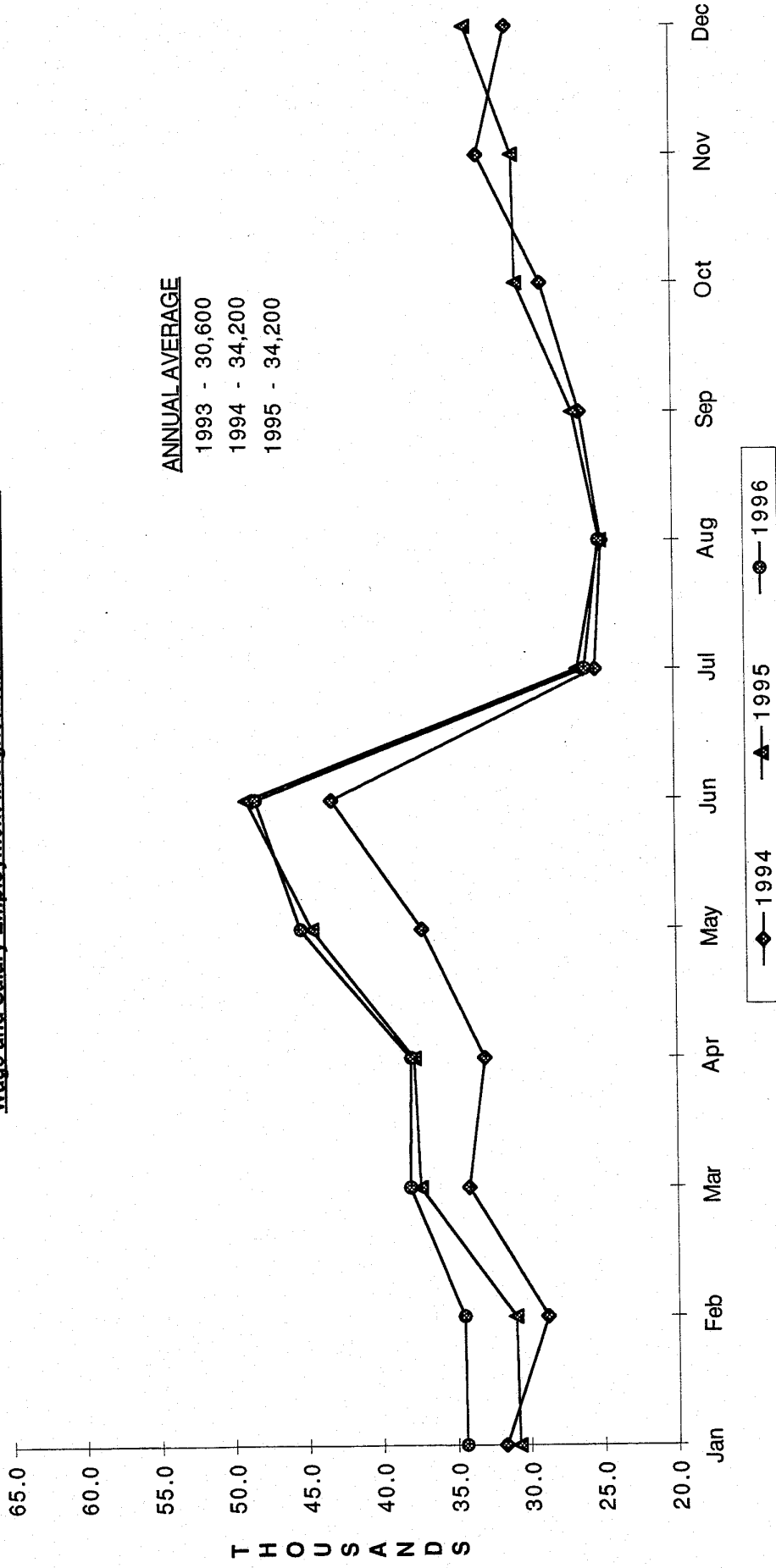


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	25.0	26.0	24.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.7	8.7	9.8
FIELD CROPS	1.5	1.5	1.6
VEGETABLES AND MELONS	1.9	1.8	2.3
TOTAL FRUITS AND TREE NUTS	3.4	2.6	3.3
GRAPES	1.4	0.8	1.7
CITRUS FRUITS	0.9	0.9	0.7
OTHER FRUITS AND NUTS	1.1	0.9	0.9
HORTICULTURAL SPECIALTIES	0.9	0.9	0.8
GENERAL FARM PRIMARILY CROP	2.0	1.9	1.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.9	4.9	4.8
DAIRY FARMS	1.1	1.1	1.1
CHICKEN EGGS	0.8	0.8	0.7
OTHER LIVESTOCK	3.0	3.0	3.0
TOTAL AGRICULTURAL SERVICES	10.4	12.4	10.3
CROP SERVICES	5.7	5.9	4.9
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.6
HARVEST PRIMARILY BY MACHINE	1.8	1.8	1.5
PREPARATION SVCS FOR MARKET	3.2	3.4	2.8
TOTAL FARM LABOR & MANAGEMENT	4.7	6.5	5.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 DESERT REGION
 (IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	22.0	23.8	22.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	8.5	7.8	8.8
FIELD CROPS	1.4	1.4	1.4
VEGETABLES AND MELONS	1.7	1.6	2.1
TOTAL FRUITS AND TREE NUTS	3.0	2.3	3.0
GRAPES	1.2	0.7	1.6
CITRUS FRUITS	0.8	0.8	0.6
OTHER FRUITS AND NUTS	1.0	0.8	0.8
HORTICULTURAL SPECIALTIES	0.7	0.8	0.7
GENERAL FARM PRIMARILY CROP	1.7	1.7	1.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.2	4.3	4.2
DAIRY FARMS	1.0	1.0	1.0
CHICKEN EGGS	0.6	0.6	0.5
OTHER LIVESTOCK	2.6	2.7	2.7
TOTAL AGRICULTURAL SERVICES	9.3	11.7	9.6
CROP SERVICES	4.8	5.4	4.4
PLANT CULTIVATE & PROTECTION	0.6	0.6	0.5
HARVEST PRIMARILY BY MACHINE	1.3	1.7	1.4
PREPARATION SVCS FOR MARKET	2.9	3.1	2.5
TOTAL FARM LABOR & MANAGEMENT	4.5	6.3	5.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	301.48	295.55	306.90
TOTAL AGRICULTURAL PRODUCTION/CROPS	310.36	314.29	316.94
FIELD CROPS	313.83	338.01	330.50
VEGETABLES AND MELONS	352.47	342.90	308.39
TOTAL FRUITS AND TREE NUTS	255.36	276.78	319.26
GRAPES	230.86	300.71	355.08
CITRUS FRUITS	279.19	269.68	285.35
OTHER FRUITS AND NUTS	264.92	260.94	270.14
HORTICULTURAL SPECIALTIES	318.00	328.90	295.84
GENERAL FARM PRIMARILY CROP	360.59	315.45	318.20
TOTAL AGRIC PRODUCTION/LIVESTOCK	367.29	362.60	385.81
DAIRY FARMS	440.02	433.50	497.26
CHICKEN EGGS	296.84	306.88	311.00
OTHER LIVESTOCK	354.29	348.69	358.34
TOTAL AGRICULTURAL SERVICES	262.40	258.57	262.86
CROP SERVICES	257.15	283.14	247.67
PLANT CULTIVATE & PROTECTION	347.99	339.92	313.21
HARVEST PRIMARILY BY MACHINE	225.29	224.94	200.02
PREPARATION SVCS FOR MARKET	252.78	303.96	262.09
TOTAL FARM LABOR & MANAGEMENT	268.77	237.76	274.89

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	44.4	43.4	45.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.6	46.7	49.6
FIELD CROPS	49.5	50.6	50.0
VEGETABLES AND MELONS	46.5	45.0	49.5
TOTAL FRUITS AND TREE NUTS	38.0	42.0	48.3
GRAPES	33.9	45.7	53.8
CITRUS FRUITS	41.3	39.6	43.9
OTHER FRUITS AND NUTS	40.2	40.9	40.2
HORTICULTURAL SPECIALTIES	44.6	46.0	43.0
GENERAL FARM PRIMARILY CROP	60.3	52.4	54.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.5	49.4	51.1
DAIRY FARMS	53.4	50.0	53.7
CHICKEN EGGS	46.6	47.8	50.0
OTHER LIVESTOCK	48.6	49.6	50.4
TOTAL AGRICULTURAL SERVICES	40.0	39.0	39.0
CROP SERVICES	39.5	42.9	39.5
PLANT CULTIVATE & PROTECTION	56.4	54.3	51.6
HARVEST PRIMARILY BY MACHINE	34.5	34.5	31.4
PREPARATION SVCS FOR MARKET	38.3	45.3	41.8
TOTAL FARM LABOR & MANAGEMENT	40.6	35.7	38.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	6.79	6.81	6.76
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.66	6.73	6.39
FIELD CROPS	6.34	6.68	6.61
VEGETABLES AND MELONS	7.58	7.62	6.23
TOTAL FRUITS AND TREE NUTS	6.72	6.59	6.61
GRAPES	6.81	6.58	6.60
CITRUS FRUITS	6.76	6.81	6.50
OTHER FRUITS AND NUTS	6.59	6.38	6.72
HORTICULTURAL SPECIALTIES	7.13	7.15	6.88
GENERAL FARM PRIMARILY CROP	5.98	6.02	5.86
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.34	7.55
DAIRY FARMS	8.24	8.67	9.26
CHICKEN EGGS	6.37	6.42	6.22
OTHER LIVESTOCK	7.29	7.03	7.11
TOTAL AGRICULTURAL SERVICES	6.56	6.63	6.74
CROP SERVICES	6.51	6.60	6.27
PLANT CULTIVATE & PROTECTION	6.17	6.26	6.07
HARVEST PRIMARILY BY MACHINE	6.53	6.52	6.37
PREPARATION SVCS FOR MARKET	6.60	6.71	6.27
TOTAL FARM LABOR & MANAGEMENT	6.62	6.66	7.14

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment in Agricultural Establishments

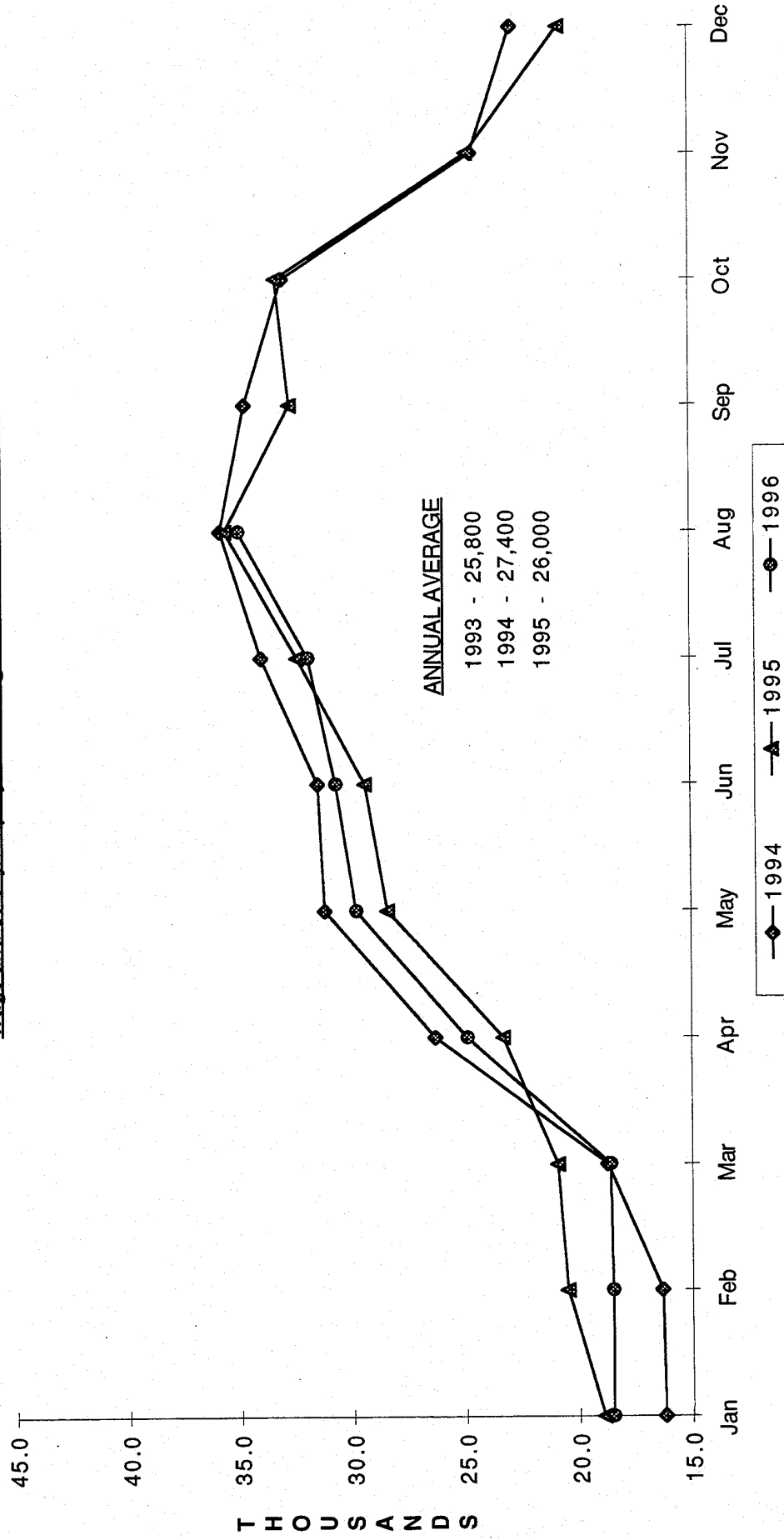


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	35.0	31.9	35.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	24.7	22.1	24.5
RICE	1.3	1.3	1.4
VEGETABLES AND MELONS	3.5	3.3	3.5
TOTAL FRUIT AND TREE NUTS	11.1	8.4	11.7
TREE NUTS	2.3	2.0	2.4
DECIDUOUS TREE FRUIT	6.4	4.6	7.2
OTHER FRUITS AND NUTS	2.4	1.8	2.1
HORTICULTURAL SPECIALTIES	2.0	2.2	1.8
GENERAL FARM PRIMARILY CROP	6.8	6.9	6.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	1.9
TOTAL AGRICULTURAL SERVICES	8.4	7.9	9.2
CROP SERVICES	2.8	2.6	2.8
HARVEST PRIMARILY BY MACHINE	1.1	1.1	1.1
PREPARATION SVCS FOR MARKET	1.7	1.5	1.7
TOTAL FARM LABOR & MANAGEMENT	5.6	5.3	6.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	32.6	29.6	33.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.0	20.6	23.0
RICE	1.1	1.1	1.2
VEGETABLES AND MELONS	3.3	3.2	3.4
TOTAL FRUIT AND TREE NUTS	10.4	7.8	11.1
TREE NUTS	2.1	1.8	2.2
DECIDUOUS TREE FRUIT	6.1	4.3	7.0
OTHER FRUITS AND NUTS	2.2	1.7	1.9
HORTICULTURAL SPECIALTIES	1.8	2.0	1.5
GENERAL FARM PRIMARILY CROP	6.4	6.5	5.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	7.9	7.3	8.6
CROP SERVICES	2.4	2.1	2.3
HARVEST PRIMARILY BY MACHINE	0.9	0.9	0.9
PREPARATION SVCS FOR MARKET	1.5	1.2	1.4
TOTAL FARM LABOR & MANAGEMENT	5.5	5.2	6.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	318.64	295.14	290.84
TOTAL AGRICULTURAL PRODUCTION/CROPS	319.57	304.62	300.29
RICE	410.38	378.59	362.41
VEGETABLES AND MELONS	354.10	377.01	390.32
TOTAL FRUIT AND TREE NUTS	270.82	235.52	248.95
TREE NUTS	314.94	281.34	297.18
DECIDUOUS TREE FRUIT	268.14	208.95	239.20
OTHER FRUITS AND NUTS	238.35	255.67	227.20
HORTICULTURAL SPECIALTIES	305.41	299.86	315.25
GENERAL FARM PRIMARILY CROP	370.34	341.26	329.71
TOTAL AGRIC PRODUCTION/LIVESTOCK	317.25	313.56	305.58
TOTAL AGRICULTURAL SERVICES	314.40	264.97	262.88
CROP SERVICES	355.81	317.84	340.33
HARVEST PRIMARILY BY MACHINE	375.72	344.12	352.94
PREPARATION SVCS FOR MARKET	343.49	298.19	332.86
TOTAL FARM LABOR & MANAGEMENT	295.86	244.18	234.44

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	47.7	46.7	47.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	48.2	48.2	48.2
RICE	57.8	53.7	50.9
VEGETABLES AND MELONS	46.9	53.1	56.0
TOTAL FRUIT AND TREE NUTS	43.4	38.8	41.7
TREE NUTS	58.0	44.8	48.4
DECIDUOUS TREE FRUIT	41.0	35.0	40.0
OTHER FRUITS AND NUTS	36.5	42.4	40.0
HORTICULTURAL SPECIALTIES	42.3	47.0	48.5
GENERAL FARM PRIMARILY CROP	56.8	56.5	55.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.0	46.8	46.3
TOTAL AGRICULTURAL SERVICES	46.1	42.6	46.2
CROP SERVICES	45.5	43.9	47.4
HARVEST PRIMARILY BY MACHINE	46.5	47.4	51.6
PREPARATION SVCS FOR MARKET	44.9	41.3	44.8
TOTAL FARM LABOR & MANAGEMENT	46.3	42.1	45.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	6.68	6.32	6.11
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.63	6.32	6.23
RICE	7.10	7.05	7.12
VEGETABLES AND MELONS	7.55	7.10	6.97
TOTAL FRUIT AND TREE NUTS	6.24	6.07	5.97
TREE NUTS	5.43	6.28	6.14
DECIDUOUS TREE FRUIT	6.54	5.97	5.98
OTHER FRUITS AND NUTS	6.53	6.03	5.68
HORTICULTURAL SPECIALTIES	7.22	6.38	6.50
GENERAL FARM PRIMARILY CROP	6.52	6.04	5.93
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.75	6.70	6.60
TOTAL AGRICULTURAL SERVICES	6.82	6.22	5.69
CROP SERVICES	7.82	7.24	7.18
HARVEST PRIMARILY BY MACHINE	8.08	7.26	6.84
PREPARATION SVCS FOR MARKET	7.65	7.22	7.43
TOTAL FARM LABOR & MANAGEMENT	6.39	5.80	5.13

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment in Agricultural Establishments

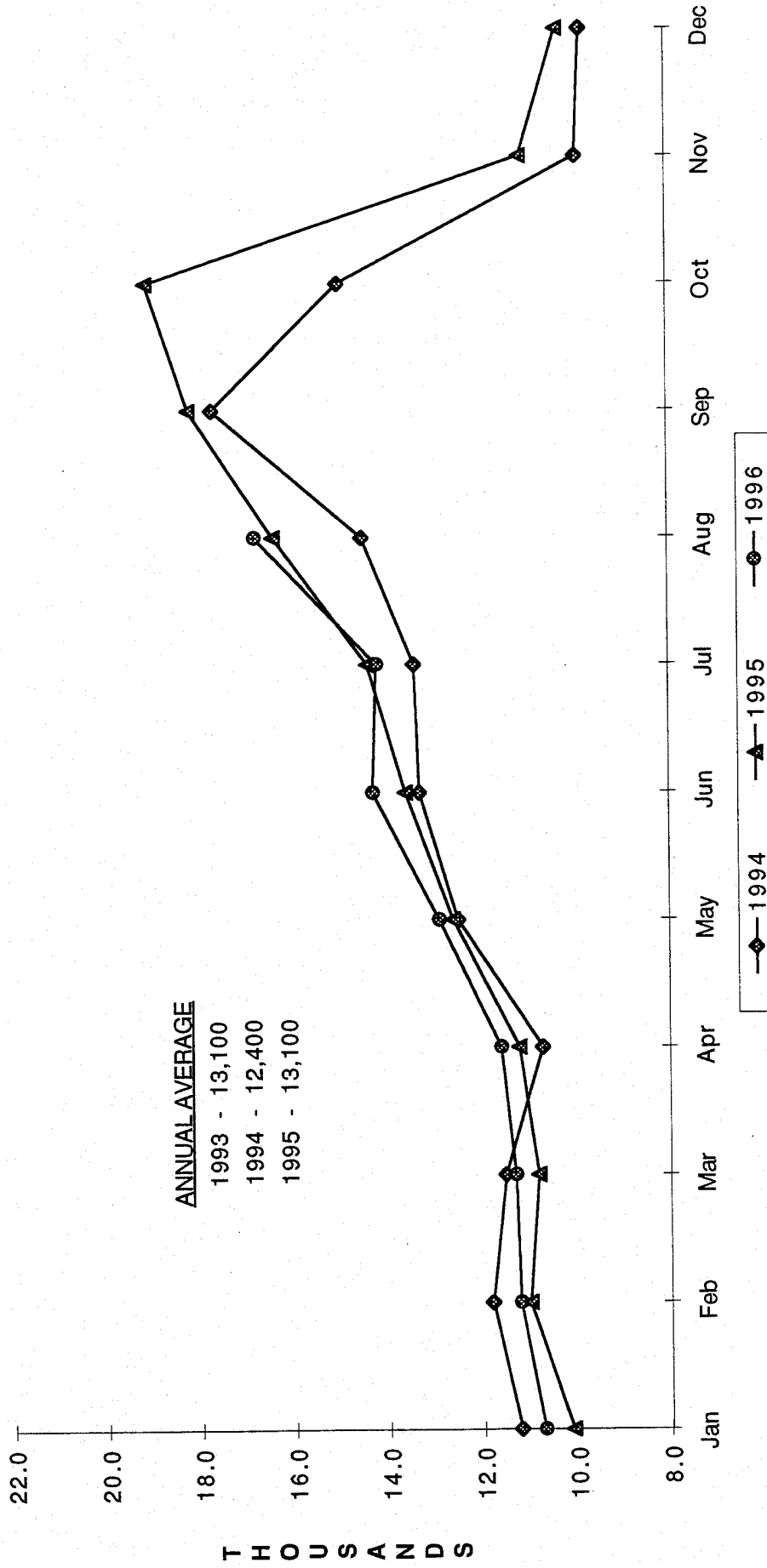


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	16.8	14.2	16.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.8	10.2	11.4
TOTAL FRUITS AND TREE NUTS	9.3	7.8	8.8
GRAPES	6.3	6.5	5.8
OTHER FRUITS AND NUTS	3.0	1.3	3.0
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.2	1.3
GENERAL FARM PRIMARILY CROP (2)	1.3	1.2	1.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	1.9	1.9
TOTAL AGRICULTURAL SERVICES	3.0	2.1	3.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

(2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	14.0	12.0	14.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	9.7	8.5	9.9
TOTAL FRUITS AND TREE NUTS	7.6	6.3	7.5
GRAPES	4.6	5.1	4.5
OTHER FRUITS AND NUTS	3.0	1.2	3.0
TOTAL HORTICULTURAL SPECIALTIES	0.9	1.0	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.7	1.7
TOTAL AGRICULTURAL SERVICES	2.5	1.8	2.7

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	301.47	319.15	305.73
TOTAL AGRICULTURAL PRODUCTION/CROPS	274.09	316.13	301.00
TOTAL FRUITS AND TREE NUTS	262.73	321.32	297.14
GRAPES	305.90	335.48	326.82
OTHER FRUITS AND NUTS	194.18	264.13	252.97
TOTAL HORTICULTURAL SPECIALTIES	301.80	288.41	287.77
TOTAL AGRIC PRODUCTION/LIVESTOCK	334.98	321.73	313.99
TOTAL AGRICULTURAL SERVICES	383.18	331.25	315.71

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	38.6	43.9	43.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.4	44.4	44.2
TOTAL FRUITS AND TREE NUTS	32.8	42.9	41.5
GRAPES	35.0	42.9	41.9
OTHER FRUITS AND NUTS	29.2	43.3	41.0
TOTAL HORTICULTURAL SPECIALTIES	41.8	44.1	43.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.7	45.7	44.1
TOTAL AGRICULTURAL SERVICES	42.2	40.2	37.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	AUG 1996	JUL 1996	AUG 1995
TOTAL AGRICULTURAL	7.81	7.27	7.11
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.53	7.12	6.81
TOTAL FRUITS AND TREE NUTS	8.01	7.49	7.16
GRAPES	8.74	7.82	7.80
OTHER FRUITS AND NUTS	6.65	6.10	6.17
TOTAL HORTICULTURAL SPECIALTIES	7.22	6.54	6.57
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.33	7.04	7.12
TOTAL AGRICULTURAL SERVICES	9.08	8.24	8.33

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.